# Educational activities of the Earth and planetary science in the collaboration of schools, science museums, and scientists using digital globe

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Educational activities of the Earth and planetary science using Dagik Earth, a digital globe, have been carried out in the collaboration of schools, science museums, and scientists. Dagik Earth has been developed by Earth and planetary scientists in Kyoto University, NICT and others. Many scientists join the project to develop the contents using the Earth and planetary data. It is presented as permanent and temporal exhibitions in science museums. Some science museums have training seminars of Dagik Earth for school teachers. Because it is simple and easy to use, it is designed to use regular classrooms. The manual for teachers is developed for science and social class in elementary schools, junior high schools, and high schools in Japan. As the usage of Dagik Earth expands in the collaboration of schools, science museums, and scientists, the difficulties to use it in classrooms become clear. For example, the whole Earth is rarely taught in the science class in the elementary school because the study of the country-scale is more focused. In the presentation, current status of the project, its difficulties in schools, and the future plan will be reported.

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